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☒ 1ejjTHE CRYSTAL STRUCTURE OF
LIGANDED MALTODEXTRIN-
BINDING PROTEIN FROM
PYROCOCUS FURIOSUS*Characteristics*

Release Date: 19-Jan-2001 Exp. Method:

Resolution: 1.85 Å

Classification

Sugar Binding Protein

*Compound*Polymer: 1 Molecule: MALTODEXTRIN
PROTEIN Chains: APolymer: 2 Molecule: SUGAR (GLC-GL
Evdokimov, A.G., Anderson, E.D., F
K.M., Waugh, D.S.*Authors*☒ 1g9uCRYSTAL STRUCTURE OF YOPM-
LEUCINE RICH EFFECTOR PROTEIN
FROM YERSINIA PESTIS*Characteristics*

Release Date: 10-Oct-2001 Exp. Method:

Resolution: 2.35 Å

Classification

Toxin

*Compound*Polymer: 1 Molecule: OUTER PROTEIN
Chains: AEvdokimov, A.G., Anderson, D.E., F
K.M., Waugh, D.S.*Authors*☒ 1hufCRYSTAL STRUCTURE OF THE N-
TERMINAL DOMAIN OF THE
TYROSINE PHOSPHATASE YOPH
FROM YERSINIA PESTIS.*Characteristics*

Release Date: 23-May-2001 Exp. Method:

Resolution: 2.00 Å

Classification

Hydrolase

*Compound*Polymer: 1 Molecule: TYROSINE PHOS
YOPH Fragment: N-TERMINAL DOM

EC no.: 3.1.3.48

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above.

Authors Evdokimov, A.G., Waugh, D.S.

☒ 1hy5



CRYSTAL STRUCTURE OF THE CATALYTIC DOMAIN OF YOPE- YERSINIA PESTIS GAP EFFECTOR PROTEIN.



Characteristics

Release Date: 06-Feb-2002 Exp. Method:

Resolution: 2.25 Å

Classification

Toxin

Compound

Polymer: 1 Molecule: YERSINIA PESTI VIRULENCE PROTEIN YOPE Fragg TERMINAL DOMAIN (RESIDUES 90- BACTERIAL GTPASE ACTIVATING F (GAP DOMAIN) Chains: A,B

Authors

Evdokimov, A.G., Tropea, J.E., Rou K.M., Waugh, D.S.

☒ 1j15



Novel Molecular Architecture of YopM-a Leucine-rich Effector Protein from Yersinia pestis



Characteristics

Release Date: 10-Oct-2001 Exp. Method:

Resolution: 2.10 Å

Classification

Toxin

Compound

Polymer: 1 Molecule: outer protein YopI

Authors

Evdokimov, A.G., Anderson, D.E., F K.M., Waugh, D.S.

☒ 1k6z



Crystal Structure of the Yersinia Secretion Chaperone SycE



Characteristics

Release Date: 31-Oct-2001 Exp. Method:

Resolution: 2.00 Å

Classification

Chaperone

Compound

Polymer: 1 Molecule: Type III secretion SycE Chains: A,B

Authors

Evdokimov, A.G., Tropea, J.E., Rou K.M., Waugh, D.S.

☒ 1lvb



CATALYTICALLY INACTIVE TOBACCO ETCH VIRUS PROTEASE COMPLEXED WITH SUBSTRATE



Characteristics

Release Date: 27-Nov-2002 Exp. Method:

Resolution: 2.20 Å

Classification

Viral Protein

Compound

Polymer: 1 Molecule: CATALYTIC DOM NUCLEAR INCLUSION PROTEIN A (Mutation: C151A Chains: A,B
Polymer: 2 Molecule: OLIGOPEPTIDE : FOR THE PROTEASE Chains: C,D

Authors

Phan, J., Zdanov, A., Evdokimov, A J.E., Peters III, H.K., Kapust, R.B., M., Wlodawer, A., Waugh, D.S.

☒ 1lvm

CATALYTICALLY ACTIVE TOBACCO
ETCH VIRUS PROTEASE COMPLEXED
WITH PRODUCT

Release Date: 27-Nov-2002 Exp. Method:

Characteristics

Resolution: 1.80 Å

Classification

Viral Protein

Compound

Polymer: 1 Molecule: CATALYTIC DOM
NUCLEAR INCLUSION PROTEIN A (
Fragment: Residues 1-221 Mutation: S2
Chains: A,B

Polymer: 2 Molecule: OLIGOPEPTIDE I
FOR THE PROTEASE Fragment: Res
310 Chains: C,D

Polymer: 3 Molecule: CATALYTIC DOM
NUCLEAR INCLUSION PROTEIN A (
Fragment: Residues 230-236 Chains: E
Phan, J., Zdanov, A., Evdokimov, A.
J.E., Peters III, H.K., Kapust, R.B.,
M., Wlodawer, A., Waugh, D.S.

Authors

☒ 1lyv

High-resolution structure of the
catalytically inactive yersinia
tyrosine phosphatase C403A mutant
in complex with phosphate.

Release Date: 03-Jul-2002 Exp. Method:

Characteristics

Resolution: 1.36 Å

Classification

Hydrolase

Compound

Polymer: 1 Molecule: PROTEIN-TYROS
PHOSPHATASE YOPH Fragment: PT
domain Mutation: P163M,C235R,C403

EC no.: 3.1.3.48

Evdokimov, A.G., Waugh, D.S., Rot
K., Tropea, J., Cherry, S.

Authors

☒ 1orj

FLAGELLAR EXPORT CHAPERONE

Release Date: 16-Sep-2003 Exp. Method:

Characteristics

Resolution: 2.25 Å

Classification

Chaperone

Compound

Polymer: 1 Molecule: flagellar protein Fl
Chains: A,B,C,D

Evdokimov, A.G., Phan, J., Tropea,
J.E., Routzahn, K.M., Peters III, H.
M., Waugh, D.S.

Authors

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